[c2]

[c3]

Claims

[c1] A method for adding devices to a power management control system, said method comprising the steps of: prompting a user to create a new project; prompting the user to add devices to the new project; executing a file to automatically configure the added devices; and generating screens for the devices added to the project.

> A method according to Claim 1 wherein said step of prompting a user to create a new project comprises the step of prompting the user with a Power Builder option.

A method according to Claim 2 further comprising the step of prompting the user with file selections available for execution, the file selections including a PCMS Power Builder file selection

A method according to Claim 1 wherein said step of prompting the user to add devices comprises the step of prompting a user to enter at least one of a device name, a device description, a device type, a resource and an application name for the selected device.

A method according to Claim 1 further comprising the step of prompting a user to enter names and descriptions for the devices added to the project.

[c6] A method according to Claim1 wherein said step δf generating screens for the devices further comprises the steps of: creating points associated with the selected devices; generating a main menu screen which contains pre-configured small faceplate template wizards for the selected devices; and generating template wizard screens for the selected devices.

a control computer; at least one intelligent end device interfaced to said control computer for controlling and monitoring power; and

A power control management system comprising:

[c5]

[c7]

[c9]

[c10]

[c11]

a software package to control said system comprising a user interface, an applications layer, an operating system and a Power Builder for facilitating automated addition and configuration of user selected intelligent end devices to said power management control system, said Power Builder configured to build external applications onto a power management control project framework, automatically create points associated with selected devices and generate main menu screens for the selected devices.

[c8] A system according to Claim 7 wherein said Power Builder configured to facilitate selection of a Power Builder function.

A system according to Claim 7 wherein said Power Builder configured to facilitate selection of a device to add to said system.

A system according to Claim 9 wherein said Power Builder configured to facilitate entry of device data of at least one of a device name, a device type, a description of the device, a resource for the device and an application name for the device.

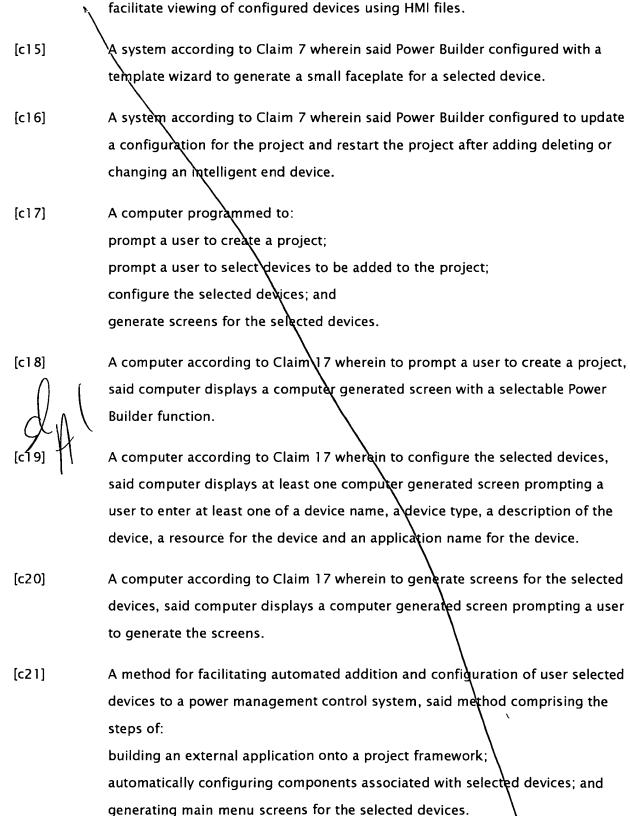
A system according to Claim 9 wherein said Power Builder configured to: install an advanced dynamic data exchange (DDE) protocol to the project; create a master DDE port for the project; create a resource name;

create a DDE device; and

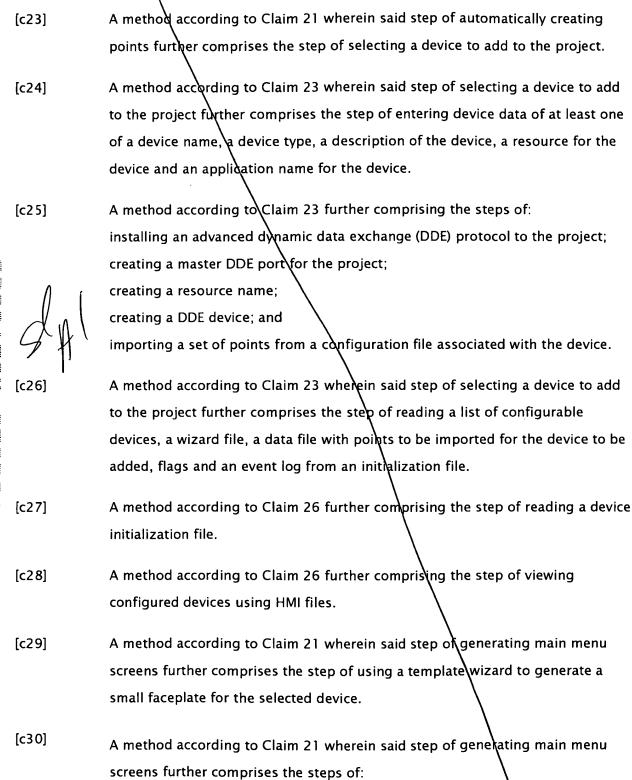
import a set of points from a configuration file associated with said intelligent end device.

- [c12] A system according to Claim 9 wherein said Power Builder configured with a list of configurable devices, a wizard file, a data file with points to be imported for the device to be added, flags and an event log from an initialization file.
- [c13] A system according to Claim 12 wherein said Power Builder configured with a device initialization file.
- [c14]
 A system according to Claim 7 wherein said Power Builder configured to

[c22]



A method according to Claim 21 wherein said step of building an external



updating a configuration for the project; and

application onto a project framework further comprises the step of selecting a

Power\Builder function.

restarting the project.